

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal600cxc

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JUL 02	LMEDLINE coverage updated
NEWS	3	JUL 02	SCISEARCH enhanced with complete author names
NEWS	4	JUL 02	CHEMCATS accession numbers revised
NEWS	5	JUL 02	CA/CAPLUS enhanced with utility model patents from China
NEWS	6	JUL 16	CAPLUS enhanced with French and German abstracts
NEWS	7	JUL 18	CA/CAPLUS patent coverage enhanced
NEWS	8	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS	9	JUL 30	USGENE now available on STN
NEWS	10	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS	11	AUG 06	BEILSTEIN updated with new compounds
NEWS	12	AUG 06	FSTA enhanced with new thesaurus edition
NEWS	13	AUG 13	CA/CAPLUS enhanced with additional kind codes for granted patents
NEWS	14	AUG 20	CA/CAPLUS enhanced with CAS indexing in pre-1907 records
NEWS	15	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS	16	AUG 27	USPATOLD now available on STN
NEWS	17	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
NEWS	18	SEP 07	STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS	19	SEP 13	FORIS renamed to SOFIS
NEWS	20	SEP 13	INPADOCDB enhanced with monthly SDI frequency
NEWS	21	SEP 17	CA/CAPLUS enhanced with printed CA page images from 1967-1998
NEWS	22	SEP 17	CAPLUS coverage extended to include traditional medicine patents
NEWS	23	SEP 24	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS EXPRESS	19	SEPTEMBER 2007:	CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:02:24 ON 30 SEP 2007

=> file medline, agricola, caba, caplus, biosis, biotechno		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 12:02:46 ON 30 SEP 2007

FILE 'AGRICOLA' ENTERED AT 12:02:46 ON 30 SEP 2007

FILE 'CABA' ENTERED AT 12:02:46 ON 30 SEP 2007

COPYRIGHT (C) 2007 CAB INTERNATIONAL (CABI)

FILE 'CAPLUS' ENTERED AT 12:02:46 ON 30 SEP 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'BIOSIS' ENTERED AT 12:02:46 ON 30 SEP 2007

Copyright (c) 2007 The Thomson Corporation

FILE 'BIOTECHNO' ENTERED AT 12:02:46 ON 30 SEP 2007

COPYRIGHT (C) 2007 Elsevier Science B.V., Amsterdam. All rights reserved.

=> s (inze, d? or inze d?)/au

L1 1796 (INZE, D? OR INZE D?)/AU

=> s (veylder, l? or veylder l?)/au

L2 88 (VEYLDER, L? OR VEYLDER L?)/AU

=> s (vlieghe, k? or vlieghe k?)/au

L3 20 (VLIEGHE, K? OR VLIEGHE K?)/AU

=> s l1 and l2 and l3

L4 5 L1 AND L2 AND L3

=> duplicate remove l4

DUPLICATE PREFERENCE IS 'AGRICOLA, CABA'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L4

L5 4 DUPLICATE REMOVE L4 (1 DUPLICATE REMOVED).

=> d l5 1-4 ti

L5 ANSWER 1 OF 4 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2007) on STN DUPLICATE 1

TI Genome-Wide Identification of Potential Plant E2F Target Genes.

L5 ANSWER 2 OF 4 CABA COPYRIGHT 2007 CABI on STN

TI The DP-E2F-like gene DEL1 controls the endocycle in Arabidopsis thaliana.

L5 ANSWER 3 OF 4 CABA COPYRIGHT 2007 CABI on STN

TI The plant-specific cyclin-dependent kinase CDKB1;1 and transcription
factor E2Fa-DPa control the balance of mitotically dividing and
endoreduplicating cells in Arabidopsis.

L5 ANSWER 4 OF 4 CABA COPYRIGHT 2007 CABI on STN

TI Microarray analysis of E2Fa-DPa-overexpressing plants uncovers a
cross-talking genetic network between DNA replication and nitrogen
assimilation.

=> d 15 1-4 bib

L5 ANSWER 1 OF 4 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2007) on STN DUPLICATE 1

AN 2005:74909 AGRICOLA

DN IND43744483

TI Genome-Wide Identification of Potential Plant E2F Target Genes.

AU Vandepoele, Klaas; Vlieghe, Kobe; Florquin, Kobe; Hennig, Lars;
Beemster, Gerrit T.S.; Gruissem, Wilhelm; Peer, Yves van de; Inze,
Dirk; Veylder, Lieven de

AV DNAL (450 P692)

SO Plant physiology, 2005 Sep. Vol. 139, no. 1 p. 316-328

ISSN: 0032-0889

NTE Includes references

DT Article

FS Other US

LA English

L5 ANSWER 2 OF 4 CABA COPYRIGHT 2007 CABI on STN

AN 2005:56723 CABA

DN 20053037037

TI The DP-E2F-like gene DEL1 controls the endocycle in *Arabidopsis thaliana*

AU Vlieghe, K.; Boudolf, V.; Beemster, G. T. S.; Maes, S.; Magyar,
Z.; Atanassova, A.; Engler, J. de A.; Groodt, R. de; Inze, D.;
Veylder, L. de; de A. Engler, J.; de Groodt, R.; de Veylder, L.

CS Department of Plant Systems Biology, Flanders Interuniversity Institute
for Biotechnology, Ghent University, Technologiepark 927, Gent B-9052,
Belgium. dirk.inze@psb.ugent.be

SO Current Biology, (2005) Vol. 15, No. 1, pp. 59-63. 16 ref.

Publisher: Cell Press. Cambridge

ISSN: 0960-9822

DOI: 10.1016/j.cub.2004.12.038

CY United States

DT Journal

LA English

ED Entered STN: 7 Apr 2005

Last Updated on STN: 7 Apr 2005

L5 ANSWER 3 OF 4 CABA COPYRIGHT 2007 CABI on STN

AN 2005:4301 CABA

DN 20043191068

TI The plant-specific cyclin-dependent kinase CDKB1;1 and transcription
factor E2Fa-DPa control the balance of mitotically dividing and
endoreduplicating cells in *Arabidopsis*

AU Boudolf, V.; Vlieghe, K.; Beemster, G. T. S.; Magyar, Z.;
Acosta, J. A. T.; Maes, S.; Schueren, E. van der; Inze, D.;
Veylder, L. de; der Schueren, E. van; van der Schueren, E.; de
Veylder, L.

CS Department of Plant Systems Biology, Flanders Interuniversity Institute
for Biotechnology, Ghent University, B-9052 Gent, Belgium.
dirk.inze@psb.ugent.be; lieven.deveyllder@psb.ugent.be

SO Plant Cell, (2004) Vol. 16, No. 10, pp. 2683-2692. 49 ref.

Publisher: American Society of Plant Biologists. Rockville

ISSN: 1040-4651

URL: <http://www.plantcell.org/>

DOI: 10.1105/tpc.104.024398

CY United States

DT Journal

LA English

ED Entered STN: 7 Jan 2005

Last Updated on STN: 7 Jan 2005

L5 ANSWER 4 OF 4 CABA COPYRIGHT 2007 CABI on STN

AN 2003:200617 CABA
 DN 20033179662
 TI Microarray analysis of E2Fa-DPa-overexpressing plants uncovers a cross-talking genetic network between DNA replication and nitrogen assimilation
 AU Vlieghe, K.; Vuylsteke, M.; Florquin, K.; Rombauts, S.; Maes, S.; Ormenese, S.; Hummelen, P. van; Peer, Y. van de; Inze, D.; Veylder, L. de; de Peer, Y. van; van Hummelen, P.; van de Peer, Y.; de Veylder, L.
 CS Department of Plant Systems Biology, Flanders Interuniversity Institute for Biotechnology (VIB), Ghent University, B-9052 Gent, Belgium. dirk.inze@psb.ugent.be
 SO Journal of Cell Science, (2003) Vol. 116, No. 20, pp. 4249-4259. 42 ref. Publisher: Company of Biologists Ltd. Cambridge
 ISSN: 0021-9533
 CY United Kingdom
 DT Journal
 LA English
 ED Entered STN: 9 Dec 2003
 Last Updated on STN: 9 Dec 2003

=> d his

(FILE 'HOME' ENTERED AT 12:02:24 ON 30 SEP 2007)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 12:02:46 ON 30 SEP 2007

L1 1796 S (INZE, D? OR INZE D?)/AU
 L2 88 S (VEYLDER, L? OR VEYLDER L?)/AU
 L3 20 S (VLIEGHE, K? OR VLIEGHE K?)/AU
 L4 5 S L1 AND L2 AND L3
 L5 4 DUPLICATE REMOVE L4 (1 DUPLICATE REMOVED)

=> s l1 or l2 or l3

L6 1800 L1 OR L2 OR L3

=> s l6 not l4

L7 1795 L6 NOT L4

=> s l7 and ((dp(s)e2f) or (dpa(s)e2fa))

L8 44 L7 AND ((DP(S) E2F) OR (DPA(S) E2FA)).

=> duplicate remove l8

DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'
 KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
 PROCESSING COMPLETED FOR L8

L9 17 DUPLICATE REMOVE L8 (27 DUPLICATES REMOVED)

=> d l9 1-10 ti

L9 ANSWER 1 OF 17 CAPLUS COPYRIGHT 2007 ACS on STN

TI Methods for transcription factor DEL1 gene silencing for increased plant yield and stress resistance

L9 ANSWER 2 OF 17 CABA COPYRIGHT 2007 CABI on STN

TI Cell cycle control and plant development.

L9 ANSWER 3 OF 17 CAPLUS COPYRIGHT 2007 ACS on STN

TI Genome-wide analysis of core cell cycle genes in the unicellular green alga *Ostreococcus tauri*. [Erratum to document cited in CA143:091729]

L9 ANSWER 4 OF 17 MEDLINE on STN.

DUPLICATE 1

TI Green light for the cell cycle.

L9 ANSWER 5 OF 17 MEDLINE on STN DUPLICATE 2
 TI Genome-wide analysis of core cell cycle genes in the unicellular green alga *Ostreococcus tauri*.

L9 ANSWER 6 OF 17 MEDLINE on STN DUPLICATE 3
 TI Genome-wide identification of potential plant E2F target genes.

L9 ANSWER 7 OF 17 MEDLINE on STN DUPLICATE 4
 TI The DP-E2F-like gene DEL1 controls the endocycle in *Arabidopsis thaliana*.

L9 ANSWER 8 OF 17 CAPLUS COPYRIGHT 2007 ACS on STN
 TI *Arabidopsis thaliana* E2F target gene expression profile, cDNA and protein sequences, and uses in transgenic plants

L9 ANSWER 9 OF 17 MEDLINE on STN DUPLICATE 5
 TI The plant-specific cyclin-dependent kinase CDKB1;1 and transcription factor E2Fa-DPa control the balance of mitotically dividing and endoreduplicating cells in *Arabidopsis*.

L9 ANSWER 10 OF 17 CAPLUS COPYRIGHT 2007 ACS on STN
 TI Overexpression of the transcription factor E2F gene in plants to modify cell number, architecture and yield

=> d 19 3,5,6,8 bib

L9 ANSWER 3 OF 17 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2005:694568 CAPLUS
 DN 143:400673
 TI Genome-wide analysis of core cell cycle genes in the unicellular green alga *Ostreococcus tauri*. [Erratum to document cited in CA143:091729]
 AU Robbins, Steven; Khadaroo, Basheer; Camasses, Alain; Derelle, Evelyne; Ferraz, Conchita; Inze, Dirk; Van de Peer, Yves; Moreau, Herve
 CS Laboratoire Arago, Modeles en Biologie Cellulaire et Evolutive, Universite Paris VI, Banyuls sur Mer, Fr.
 SO Molecular Biology and Evolution (2005), 22(4), 1158
 CODEN: MBEVEO; ISSN: 0737-4038
 PB Oxford University Press
 DT Journal
 LA English

L9 ANSWER 5 OF 17 MEDLINE on STN DUPLICATE 2
 AN 2005171273 MEDLINE
 DN PubMed ID: 15537805
 TI Genome-wide analysis of core cell cycle genes in the unicellular green alga *Ostreococcus tauri*.
 AU Robbins Steven; Khadaroo Basheer; Camasses Alain; Derelle Evelyne; Ferraz Conchita; Inze Dirk; Van de Peer Yves; Moreau Herve
 CS Universite Paris VI, Laboratoire Arago, Modeles en Biologie Cellulaire et Evolutive, Banyuls sur Mer, France.
 SO Molecular biology and evolution, (2005 Mar) Vol. 22, No. 3, pp. 589-97.
 Electronic Publication: 2004-11-10.
 Journal code: 8501455. ISSN: 0737-4038.
 CY United States
 DT (COMPARATIVE STUDY)
 Journal; Article; (JOURNAL ARTICLE)
 (RESEARCH SUPPORT, NON-U.S. GOV'T)
 LA English
 FS Priority Journals
 EM 200509
 ED Entered STN: 5 Apr 2005
 Last Updated on STN: 2 Sep 2005
 Entered Medline: 1 Sep 2005

L9 ANSWER 6 OF 17 MEDLINE on STN DUPLICATE 3
 AN 2005495243 MEDLINE
 DN PubMed ID: 16126853
 TI Genome-wide identification of potential plant E2F target genes.
 AU Vandepoele Klaas; Vlieghe Kobe; Florquin Kobe; Hennig Lars;
 Beemster Gerrit T S; Gruissem Wilhelm; Van de Peer Yves; Inze Dirk
 ; De Veylder Lieven
 CS Department of Plant Systems Biology, Flanders Interuniversity Institute
 for Biotechnology, Ghent University, Belgium.
 SO Plant physiology, (2005 Sep) Vol. 139, No. 1, pp. 316-28. Electronic
 Publication: 2005-08-26.
 Journal code: 0401224. ISSN: 0032-0889.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 (RESEARCH SUPPORT, NON-U.S. GOV'T)
 LA English
 FS Priority Journals
 EM 200601
 ED Entered STN: 17 Sep 2005
 Last Updated on STN: 24 Jan 2006
 Entered Medline: 23 Jan 2006

L9 ANSWER 8 OF 17 CAPLUS COPYRIGHT 2007 ACS on STN
 AN 2004:355096 CAPLUS
 DN 140:369946
 TI Arabidopsis thaliana E2F target gene expression profile, cDNA and protein
 sequences, and uses in transgenic plants
 IN Inze, Dirk; De Veylder, Lieven; Vlieghe, Kobe
 PA Cropdesign N.V., Belg.
 SO PCT Int. Appl., 134 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004035798	A2	20040429	WO 2003-EP11658	20031020
	WO 2004035798	A3	20041104		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU	2003298095	A1	20040504	AU 2003-298095	20031020
EP	1551983	A2	20050713	EP 2003-795794	20031020
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
US	2006021088	A1	20060126	US 2005-531475	20050415
PRAI	EP 2002-79408	A	20021018		
	WO 2003-EP11658	W	20031020		

=> d his

(FILE 'HOME' ENTERED AT 12:02:24 ON 30 SEP 2007)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 12:02:46 ON 30 SEP 2007

L1 1796 S (INZE, D? OR INZE D?)/AU
 L2 88 S (VEYLDER, L? OR VEYLDER L?)/AU

L3 20 S (VLIEGHE, K? OR VLIEGHE K?)/AU
 L4 5 S L1 AND L2 AND L3
 L5 4 DUPLICATE REMOVE L4 (1 DUPLICATE REMOVED)
 L6 1800 S L1 OR L2 OR L3
 L7 1795 S L6 NOT L4
 L8 44 S L7 AND ((DP(S)E2F) OR (DPA(S)E2FA))
 L9 17 DUPLICATE REMOVE L8 (27 DUPLICATES REMOVED)

=> s azf2

L10 20 AZF2

=> duplicate remove l10

DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'
 KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
 PROCESSING COMPLETED FOR L10

L11 5 DUPLICATE REMOVE L10 (15 DUPLICATES REMOVED)

=> d l11 1-5 ti

L11 ANSWER 1 OF 5 MEDLINE on STN DUPLICATE 1
 TI Zinc finger protein 1 (ThZF1) from salt cress (Thellungiella halophila) is a Cys-2/His-2-type transcription factor involved in drought and salt stress.

L11 ANSWER 2 OF 5 MEDLINE on STN DUPLICATE 2
 TI Arabidopsis Cys2/His2-type zinc-finger proteins function as transcription repressors under drought, cold, and high-salinity stress conditions.

L11 ANSWER 3 OF 5 MEDLINE on STN DUPLICATE 3
 TI Functional identification of an Arabidopsis snf4 ortholog by screening for heterologous multicopy suppressors of snf4 deficiency in yeast.

L11 ANSWER 4 OF 5 MEDLINE on STN DUPLICATE 4
 TI Expression of a subset of the Arabidopsis Cys(2)/His(2)-type zinc-finger protein gene family under water stress.

L11 ANSWER 5 OF 5 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
 TI Analysis of Arabidopsis Cys2/His2-type Zn-finger protein genes expressed under water stress.

=> d l11 1-5 bib

L11 ANSWER 1 OF 5 MEDLINE on STN DUPLICATE 1
 AN 2007153795 MEDLINE
 DN PubMed ID: 17024447
 TI Zinc finger protein 1 (ThZF1) from salt cress (Thellungiella halophila) is a Cys-2/His-2-type transcription factor involved in drought and salt stress.

AU Xu ShouMing; Wang XueChen; Chen Jia
 CS State Key Laboratory of Plant Physiology and Biochemistry, College of Biological Sciences, China Agricultural University, Beijing, China.
 SO Plant cell reports, (2007 Apr) Vol. 26, No. 4, pp. 497-506. Electronic Publication: 2006-10-06.
 Journal code: 9880970. ISSN: 0721-7714.
 CY Germany: Germany, Federal Republic of
 DT Journal; Article; (JOURNAL ARTICLE)
 (RESEARCH SUPPORT, NON-U.S. GOV'T)
 LA English
 FS Priority Journals
 OS GENBANK-DQ869034
 EM 200708
 ED Entered STN: 15 Mar 2007
 Last Updated on STN: 14 Aug 2007
 Entered Medline: 13 Aug 2007

L11 ANSWER 2 OF 5 MEDLINE on STN DUPLICATE 2
 AN 2004465821 MEDLINE
 DN PubMed ID: 15333755
 TI Arabidopsis Cys2/His2-type zinc-finger proteins function as transcription repressors under drought, cold, and high-salinity stress conditions.
 AU Sakamoto Hideki; Maruyama Kyonoshin; Sakuma Yoh; Meshi Tetsuo; Iwabuchi Masaki; Shinozaki Kazuo; Yamaguchi-Shinozaki Kazuko
 CS Biological Resources Division, Japan International Research Center for Agricultural Sciences, Tsukuba, Ibaraki 305-8686, Japan.
 SO Plant physiology, (2004 Sep) Vol. 136, No. 1, pp. 2734-46. Electronic Publication: 2004-08-27.
 Journal code: 0401224. ISSN: 0032-0889.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 (RESEARCH SUPPORT, NON-U.S. GOV'T)
 LA English
 FS Priority Journals
 EM 200412
 ED Entered STN: 21 Sep 2004
 Last Updated on STN: 19 Dec 2004
 Entered Medline: 6 Dec 2004

L11 ANSWER 3 OF 5 MEDLINE on STN DUPLICATE 3
 AN 2000418106 MEDLINE
 DN PubMed ID: 10929106
 TI Functional identification of an Arabidopsis snf4 ortholog by screening for heterologous multicopy suppressors of snf4 deficiency in yeast.
 AU Kleinow T; Bhalerao R; Breuer F; Umeda M; Salchert K; Koncz C
 CS Max-Planck Institut fur Zuchtungsforschung, Carl-von-Linne-Weg 10, D-50829 Koln, Germany.
 SO The Plant journal : for cell and molecular biology, (2000 Jul) Vol. 23, No. 1, pp. 115-22.
 Journal code: 9207397. ISSN: 0960-7412.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 (RESEARCH SUPPORT, NON-U.S. GOV'T)
 LA English
 FS Priority Journals
 EM 200009
 ED Entered STN: 15 Sep 2000
 Last Updated on STN: 15 Sep 2000
 Entered Medline: 7 Sep 2000

L11 ANSWER 4 OF 5 MEDLINE on STN DUPLICATE 4
 AN 2000267844 MEDLINE
 DN PubMed ID: 10806347
 TI Expression of a subset of the Arabidopsis Cys(2)/His(2)-type zinc-finger protein gene family under water stress.
 AU Sakamoto H; Araki T; Meshi T; Iwabuchi M
 CS Department of Botany, Graduate School of Science, Kyoto University, Sakyo-ku, Kyoto, Japan.
 SO Gene, (2000 May 2) Vol. 248, No. 1-2, pp. 23-32.
 Journal code: 7706761. ISSN: 0378-1119.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 (RESEARCH SUPPORT, NON-U.S. GOV'T)
 LA English
 FS Priority Journals
 OS GENBANK-AB030730; GENBANK-AB030731; GENBANK-AB030732
 EM 200007
 ED Entered STN: 14 Jul 2000
 Last Updated on STN: 18 Aug 2000
 Entered Medline: 6 Jul 2000

L11 ANSWER 5 OF 5 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
 AN 1998:339185 BIOSIS
 DN PREV199800339185
 TI Analysis of Arabidopsis Cys2/His2-type Zn-finger protein genes expressed
 under water stress.
 AU Sakamoto, Hideki; Araki, Takashi; Meshi, Tetsuo; Iwabuchi, Masaki
 CS Dep. Botany, Grad. Sch. Sci., Kyoto Univ., Kyoto 606-01, Japan
 SO Plant and Cell Physiology, (1998) Vol. 39, No. SUPPL., pp. S104. print.
 Meeting Info.: 1998 Annual Meeting of the Japanese Society of Plant
 Pathologists. Tokyo, Japan. May 3-5, 1998. Japanese Society of Plant
 Pathologists.
 CODEN: PCPHA5. ISSN: 0032-0781.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 12 Aug 1998
 Last Updated on STN: 12 Aug 1998

=> d l11 1-5 kwic

L11 ANSWER 1 OF 5 MEDLINE on STN DUPLICATE 1
 AB . . . demonstrated that ThZF1 was able to activate HIS marker gene in
 yeast. Finally, ectopic expression of ThZF1 in Arabidopsis mutant
 azf2 suggested that ThZF1 may have similar roles as Arabidopsis
 AZF2 in plant development as well as regulation of downstream
 gene.

L11 ANSWER 2 OF 5 MEDLINE on STN DUPLICATE 2
 AB . . . of this type of protein, we analyzed the function of Arabidopsis
 L. Heynh. genes encoding four different ZPT2-related proteins (AZF1,
 AZF2, AZF3, and STZ). Gel-shift analysis showed that the AZFs and
 STZ bind to A(G/C)T repeats within an EP2 sequence, known. . . act as
 transcriptional repressors that down-regulate the transactivation activity
 of other transcription factors. RNA gel-blot analysis showed that
 expression of AZF2 and STZ was strongly induced by dehydration,
 high-salt and cold stresses, and abscisic acid treatment. Histochemical
 analysis of beta-glucuronidase activities driven by the AZF2 or
 STZ promoters revealed that both genes are induced in leaves rather than
 roots of rosette plants by the stresses. Transgenic Arabidopsis
 overexpressing STZ showed growth retardation and tolerance to drought
 stress. These results suggest that AZF2 and STZ function as
 transcriptional repressors to increase stress tolerance following growth
 retardation.

L11 ANSWER 3 OF 5 MEDLINE on STN DUPLICATE 3
 AB . . . mutant to grown on non-fermentable carbon source was suppressed
 by Arabidopsis Myb30, CAAT-binding factor Hap3b, casein kinase I,
 zinc-finger factors AZF2 and ZAT10, as well as orthologs of
 hexose/UDP-hexose transporters, calmodulin, SMCl-cohesin and Snf4. Here
 we describe the characterization of AtSNF4, . . .

L11 ANSWER 4 OF 5 MEDLINE on STN DUPLICATE 4
 AB . . . to the already reported gene STZ/ZAT10 and three were as yet
 unidentified genes, then designated AZF1 (Arabidopsis zinc-finger protein
 1), AZF2 and AZF3. The AZF- and STZ-encoded proteins contain
 two canonical Cys(2)/His(2)-type zinc-finger motifs, separated by a long
 spacer. Three conserved. . . of expression of all of these genes.
 Low-temperature treatment increased the expression levels of AZF1, AZF3,
 and STZ, but not AZF2. Only AZF2 expression was
 strongly induced by ABA treatment, where the time course of the induction
 was similar to that caused by high salinity. In situ localization showed
 that AZF2 mRNA accumulated in the elongation zone of the roots
 under the salt-stress condition. These results suggest that AZF1,
 AZF2, AZF3, and STZ are all involved in the water-stress response

in an ABA-dependent or -independent pathway to regulate downstream genes.

L11 ANSWER 5 OF 5 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
IT

Genetics (Biochemistry and Molecular Biophysics)

IT Chemicals & Biochemicals

sodium chloride; ABA [abscisic acid]; AZF1 [Arabidopsis zinc-finger
protein 1]: expression; AZF2 [Arabidopsis zinc-finger protein
2]: expression; Cys2/His2-type zinc-finger protein gene: expression

=> d his

(FILE 'HOME' ENTERED AT 12:02:24 ON 30 SEP 2007)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
12:02:46 ON 30 SEP 2007

L1 1796 S (INZE, D? OR INZE D?)/AU
L2 88 S (VEYLDER, L? OR VEYLDER L?)/AU
L3 20 S (VLIEGHE, K? OR VLIEGHE K?)/AU
L4 5 S L1 AND L2 AND L3
L5 4 DUPLICATE REMOVE L4 (1 DUPLICATE REMOVED)
L6 1800 S L1 OR L2 OR L3
L7 1795 S L6 NOT L4
L8 44 S L7 AND ((DP(S)E2F) OR (DPA(S)E2FA))
L9 17 DUPLICATE REMOVE L8 (27 DUPLICATES REMOVED)
L10 20 S AZF2
L11 5 DUPLICATE REMOVE L10 (15 DUPLICATES REMOVED)

=> file uspatfull

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

41.08

41.29

FILE 'USPATFULL' ENTERED AT 12:09:19 ON 30 SEP 2007

CA INDEXING COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 27 Sep 2007 (20070927/PD)

FILE LAST UPDATED: 27 Sep 2007 (20070927/ED)

HIGHEST GRANTED PATENT NUMBER: US7275264

HIGHEST APPLICATION PUBLICATION NUMBER: US2007226864

CA INDEXING IS CURRENT THROUGH 27 Sep 2007 (20070927/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 27 Sep 2007 (20070927/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2007

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2007

=> s 14

21 INZE, D?/AU
21 INZE D?/AU
4 VEYLDER, L?/AU
4 VEYLDER L?/AU
1 VLIEGHE, K?/AU
1 VLIEGHE K?/AU
L12 1 L1 AND L2 AND L3

=> d l12 bib

L12 ANSWER 1 OF 1 USPATFULL on STN

AN 2006:23249 USPATFULL

TI Identification of novel e2f target genes and use thereof

IN Inze, Dirk, Moorsel-Aalst, BELGIUM

Veylder, Lieven, Drongen, BELGIUM

Vlieghe, Kobe, Aalter, BELGIUM

PI US 2006021088 A1 20060126

AI US 2003-531475 A1 20031020 (10)
WO 2003-EP11658 20031020
20050415 PCT 371 date
PRAI EP 2002-79408 20021018
DT Utility
FS APPLICATION
LREP NIXON & VANDERHYE, PC, 901 NORTH GLEBE ROAD, 11TH FLOOR, ARLINGTON, VA,
22203, US
CLMN Number of Claims: 39
ECL Exemplary Claim: 1
DRWN 10 Drawing Page(s)
LN.CNT 6959
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s 16

21 INZE, D?/AU
21 INZE D?/AU
4 VEYLDER, L?/AU
4 VEYLDER L?/AU
1 VLIEGHE, K?/AU
1 VLIEGHE K?/AU
L13 21 L1 OR L2 OR L3

=> s 113 not 112

L14 20 L13 NOT L12

=> s azf2

L15 11 AZF2

=> s 114 and 115

L16 0 L14 AND L15

=> d 115 1-11 ti

L15 ANSWER 1 OF 11 USPATFULL on STN
TI Microorganisms for therapy

L15 ANSWER 2 OF 11 USPATFULL on STN
TI Microorganisms for therapy

L15 ANSWER 3 OF 11 USPATFULL on STN
TI Combined growth factor-deleted and thymidine kinase-deleted vaccinia virus vector

L15 ANSWER 4 OF 11 USPATFULL on STN
TI Microorganisms for therapy

L15 ANSWER 5 OF 11 USPATFULL on STN
TI Methods for identifying small molecules that modulate premature translation termination and nonsense mediated mrna decay

L15 ANSWER 6 OF 11 USPATFULL on STN
TI Microorganisms for therapy

L15 ANSWER 7 OF 11 USPATFULL on STN
TI Methods for identifying small molecules that modulate premature translation termination and nonsense mrna decay

L15 ANSWER 8 OF 11 USPATFULL on STN
TI Microorganisms for therapy

L15 ANSWER 9 OF 11 USPATFULL on STN
TI Novel transcriptional factor enhancing the resistance of plants to osmotic stress

L15 ANSWER 10 OF 11 USPATFULL on STN
TI Combined growth factor-deleted and thymidine kinase-deleted vaccinia virus vector

L15 ANSWER 11 OF 11 USPATFULL on STN
TI Digital data decompressing system and method

=> d 115 9 bib

L15 ANSWER 9 OF 11 USPATFULL on STN
AN 2004:94836 USPATFULL
TI Novel transcriptional factor enhancing the resistance of plants to osmotic stress
IN Hwang, Inhwan, Pohang-si, KOREA, REPUBLIC OF
Piao, Hai Lan, Hunchun, CHINA
PI US 2004072289 A1 20040415
US 7141720 B2 20061128
AI US 2003-433005 A1 20030529 (10)
WO 2001-KR364 20010309
PRAI KR 2000-72720 20001202
DT Utility
FS APPLICATION
LREP BURNS DOANE SWECKER & MATHIS L L P, POST OFFICE BOX 1404, ALEXANDRIA, VA, 22313-1404
CLMN Number of Claims: 11
ECL Exemplary Claim: 1
DRWN 10 Drawing Page(s)
LN.CNT 1134
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 115 9 kwic

L15 ANSWER 9 OF 11 USPATFULL on STN
SUMM . . . 1995; Soderman et al., Plant J. 10: 375-381,1996), Alfin1 (Bastola et al., Plant Mol. Biol., 24: 701-713, 1998) and AZF1, AZF2 and AZF3 (Sakamoto et al., Gene, 248: 23-32,2000).

=> d his

(FILE 'HOME' ENTERED AT 12:02:24 ON 30 SEP 2007)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 12:02:46 ON 30 SEP 2007

L1 1796 S (INZE, D? OR INZE D?)/AU
L2 88 S (VEYLDER, L? OR VEYLDER L?)/AU
L3 20 S (VLIEGHE, K? OR VLIEGHE K?)/AU
L4 5 S L1 AND L2 AND L3
L5 4 DUPLICATE REMOVE L4 (1 DUPLICATE REMOVED)
L6 1800 S L1 OR L2 OR L3
L7 1795 S L6 NOT L4
L8 44 S L7 AND ((DP(S)E2F) OR (DPA(S)E2FA))
L9 17 DUPLICATE REMOVE L8 (27 DUPLICATES REMOVED)
L10 20 S AZF2
L11 5 DUPLICATE REMOVE L10 (15 DUPLICATES REMOVED)

FILE 'USPATFULL' ENTERED AT 12:09:19 ON 30 SEP 2007

L12 1 S L4
L13 21 S L6
L14 20 S L13 NOT L12
L15 11 S AZF2
L16 0 S L14 AND L15

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

7.88

49.17

STN INTERNATIONAL LOGOFF AT 12:11:38 ON 30 SEP 2007